



Samsung's most revolutionary Plasma TV, for the true entertainment connoisseur.

Samsung's incredible PN51E8000 Plasma 3D TV brings the most innovative features and technologies together, in a gorgeous modern design. Effortlessly navigate through the world of Samsung's Smart TV with Smart Interaction, thanks to Voice Navigation, Gesture Control and Face Recognition. You'll discover a web-connected treasure trove of content. For enhanced entertainment, the Full Web Browser with Dual Core Processing lets you enjoy streaming movies, shows and content, along with built-in WiFi connectivity and cloud storage capacity. Samsung's new Real Black Pro Panel with nano carbon technology delivers the deepest, darkest black levels, high contrast, and the boldest hues. Add the stunning Ultra Slim panel look, and you've got the Ultimate Plasma TV.

PRODUCT HIGHLIGHTS

51" Ultra Slim Plasma TV

- Smart TV with Smart Interaction
- Samsung Smart TV with Full Web Browser
- High-performance picture quality with Real Black Pro Panel
- Immersive Full HD 1080p 3D picture performance
- Ultra Slim Design with built-in webcam

PN51E8000

51" Class (50.7" Diagonal) PDP HDTV with 1080p Resolution

FEATURES

- Smart TV with Smart Interaction
 - Voice Navigation
 - Gesture Control
 - Face Recognition
- Smart Content with Signature Services
 - Family Story
 - Fitness
 - Kids Story
- Apps built for TV
- Web Browser & Search All
- Smart Hub
- WiFi built-in
- AllShare™ Play
- Dual Core Processor
- Full HD 2D or 3D with 3D HyperReal™ Engine
- Built-in camera for Skype™ and Signature Services
- ConnectShare™ Movie
- Your Video (Movie Recommendations)
- Ultra Slim Design
- Eco Sensor
- +1 design

PICTURE QUALITY

- Real Black Pro Panel
- 600Hz Subfield Motion
- Cinema Smooth™
- Wide Color Enhancer Plus
- Clear Image Panel

AUDIO

- 10W x 2
- Dolby® Digital Plus/Dolby® Pulse
- DnSe™

CONNECTIONS

- HDMI®: 3
- Anynet+™ (HDMI-CEC)
- USB: 3
- Ethernet: 1
- Component in: 1
- Composite in: 1 AV
- Digital audio output: 1 optical
- DVI audio in: (3.5mm mini-jack)

PN51E8000

 51" Class (50.7" Diagonal) PDP HDTV with 1080p Resolution

FEATURES

Smart TV: Never miss a moment with Samsung Smart TV. Watch your favorite movies while you browse the web or explore the Smart Hub. Find more content you love by searching for shows, movies, and videos across vudu™, Hulu Plus™, YouTube™ and other digital content providers. Movies are handpicked for you through recommendations based on your viewing history and ratings. Access all your apps and download new ones, such as Netflix, Facebook® YouTube™, Hulu Plus™ and Twitter™! Browse the web while you watch movies and TV shows, and enjoy TV while you chat with friends and family online, all on one screen. With Samsung Social TV, you can use Twitter™, Facebook® and Google Talk™ to make comments, crack jokes and share all the fun.

Smart Interaction: The latest technology advancement in television is the TV that "gets you." With Gesture Control and Voice Navigation capabilities, your TV can now be controlled remote-free. Log onto your Samsung Apps account through Face Recognition, control volume and scroll through channels with your hands, as well as navigate through the world of Samsung Smart TV with a wave of your hand.

Voice Navigation: Responds to the sound of your voice so you can perform tasks such as turning on the TV, changing channels and accessing apps without having to press a button. You can speak your commands directly to the TV or into the remote's built-in microphone.

Gesture Control: This amazing new function reacts to movements made by your hands to perform tasks such as changing channels, selecting an app or navigating through web pages.

Face Recognition: Enjoy the convenience of logging onto your Samsung Apps automatically. With the built-in TV camera, this unique feature is able to automatically recognize your face so you don't have to type in your ID and password on the remote control.

Smart Content: With the introduction of the new Smart TV features, you can now enjoy a more fun and entertaining experience at home. The Smart TV offers an entire suite of easy-to-use, innovative features that entertain your family while instilling a healthy lifestyle. The features are designed to make learning fun again or to enjoy precious family moments by sharing photos and videos.

Signature Services

Family Story: Share your most precious family moments with Family Story on your new Samsung Smart TV. Family Story provides a quick way to upload photos to a gallery, even from your mobile device. You can also chat in real time, post messages and share important family events so everyone is kept up to date.

Fitness: Now you can maintain a healthy lifestyle with Samsung Smart TV's Fitness. Exercise at home through the video-on-demand service and manage your workout history. You can also track your progress by downloading the Exercise App onto your mobile device.

Kids Story: Combine home entertainment and education with Samsung's new Smart TV. Through this TV, we can recommend a variety of child-friendly programming so you can watch your child enjoy the pleasures of learning. The fun and exciting games will entertain your child and family for hours.

Apps built for TV: Download a wide range of apps for your Smart TV through the world's first TV app store. Samsung Apps has thousands of world-renowned apps, such as YouTube™ and Facebook® and popular local ones available for downloading. Now you can enjoy your favorite apps from the comfort of your couch.

Web Browser: Easily stream your favorite movies and TV shows, download apps, shop online, browse the web, update your status on Facebook® and Twitter™ and enjoy all of the benefits of full web browsing right on the big screen.

Search All: Quickly search for web content related to the program you're watching or access other features like VOD, apps and social networking services. You can even search USB drives or other external hard drives connected to your TV with ConnectShare™.

Smart Hub: Samsung Smart TV has retooled its Smart Hub feature to further expand its access to a world of online entertainment. Smart Hub enables multitasking and delivers an optimized viewing experience with single point access to the content that's the most important to you. It also allows you to search through hundreds of apps and use the fully optimized Web Browser for a seamless user experience.

WiFi built-in: With a wireless LAN built right into the TV, it is easier than ever to browse the web right on the big screen.

AllShare™ Play: Enables your TV to wirelessly access and stream content from any compatible device, like a PC. That means you can share movies, photos and music all through a single device — your TV. Now with the benefits of cloud technology, you can access and even share content when you're away from home.

Dual Core Processor: Your Samsung Smart TV and web browsing experience will run better than ever. With faster processing and multitasking capabilities, now you can pause a show, stream a movie or open apps, and return to your movie without missing a beat!

Full HD 2D or 3D: Enjoy stunning Full HD 1080p in both 2D and 3D modes. With Samsung's 3D HyperReal™ Engine, easily convert 2D viewing into 3D for an amazing cinematic experience.

Built-in camera for Skype™: With a camera built right in the top of the TV, enjoy Skyping with friends and family all over the world on the big screen.

ConnectShare™ Movie: Have movies and pictures on a USB drive? Now easily view that content right on the TV. Just plug the drive into the USB port and you are ready for a big screen experience.

Your Video (movie recommendations): Through a customized recommendation service for video and other content, Your Video allows you to watch and preview movie trailers and TV programs. You can even read a brief synopsis and user ratings before purchasing a movie.

Ultra Slim Design: Slim cabinet for an ultra-sleek, contemporary look.

Eco Sensor: Samsung Plasma TV's Eco Sensor measures the intensity of the light in the room and automatically adjusts the brightness of the image on the TV. By controlling the amount of light used to create images, the TV adjusts its use of energy.

PICTURE QUALITY

Real Black Pro Panel: An advancement within the panel structure of the plasma and a software improvement that depicts blacker blacks, bolder color, higher contrast and exceptional picture quality. This technological improvement provides the most cinematic viewing experience available.

600Hz Subfield Motion: Using the latest in Subfield Motion technology, Samsung Plasma TV flashes a single image up to 600 times a second. The result is smoother images with unprecedented picture quality, no matter how fast the images are moving.

Cinema Smooth™: A refined playback process of 24p movies from Blu-Ray™ and satellite TV sources optimized for a seamlessly smooth viewing experience.

Wide Color Enhancer Plus: Allows you to see picture color the way the director originally intended, brought to life on your screen to bring you exceptionally vibrant, yet natural-looking images and depicts subtle details and tones.

Clear Image Panel: The Samsung Plasma TV uses a new filter and panel structure to eliminate layered images and produce clear images from almost every angle. This also eliminates the production of dual images and blurring typically found with glass filters.

PN51E8000

 51" Class (50.7" Diagonal) PDP HDTV with 1080p Resolution

AUDIO

10 watts x 2 channel stereo sound

Dolby® Digital Plus/Dolby® Pulse: An advanced surround sound audio processing feature designed to optimize the TV's sound quality when viewing and listening to Internet movies, Internet music and other content played back from wired or wireless mobile phones, PCs and tablet devices.

DNSe™ (Digital Natural Sound engine): Sound enhancement system that combines different equalizer settings and signal processing to create various user-centric presets to suit the most common listening scenarios. DNSe™ is designed to optimize the sound of the compact Ultra Slim Design, Flat-panel TVs. The user's settings are memorized, and the TV's menu includes a custom setting for each of the TV's inputs for a simulated surround sound experience.

CONNECTIONS

HDMI®: 3

HDMI® (High-Definition Multimedia Interface) is a convenient, high-quality single cable digital audio/video interface for connecting the TV to a digital cable box, satellite box, DVD/Blu-ray Disc® Player, PC computers, PC portable devices, new generation tablets and devices featuring the HDMI® output.

Anynet+™ (HDMI-CEC): Samsung's expanded control permits seamless functionality between Samsung branded TVs and Samsung devices such as Blu-ray™ and HTiB systems.

USB: 3

Universal Serial Bus (USB) is an industry standard for connecting a variety of computer, audio and video devices to the TV. USB movie capability allows the streaming of video from storage devices, cameras, camcorders and USB drives.

Ethernet: 1

Component in: 1

Composite in: 1 AV

Digital audio output: 1 optical

DVI audio in: (3.5mm mini-jack)

ACCESSORIES INCLUDED

3D Active Glasses: 2 pairs

Smart Touch Remote Control: Navigate your Interactive Smart TV with the Smart Touch Remote Control. The convenient touchpad lets viewers intuitively navigate through Smart Hub and the Full Web Browser. Easy access to key functions are readily located at the top along with a mic for Voice Navigation.

NET DIMENSIONS & WEIGHT (WxHxD)

TV without stand: 47.0" x 28.1" x 1.9"

TV without stand weight: 47.0 lbs

TV with stand: 47.0" x 31.7" x 12.2"

TV with stand weight: 52.0 lbs

SHIPPING DIMENSIONS & WEIGHT (WxHxD)

Dimensions: 51.2" x 32.9" x 13.0"

Weight: 65.7 lbs

WARRANTY

1-year parts and 1-year labor warranty (90-days parts and labor for commercial use) with in-home service, backed by Samsung toll-free support.

ORDER CODE

PN51E8000GFXZA

UPC

036725237322

©2012 Samsung Electronics America, Inc. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

ConnectShare, AllShare, Samsung Smart TV, DNSe, HyperReal, Cinema Smooth and Anynet+ are trademarks of Samsung Electronics Co., Ltd. YouTube and the YouTube logo are trademarks of Google Inc.

All other product and brand names are trademarks or registered trademarks of their respective owners.

Screen images are simulated.